

Converting Colors

YUV(178.1320, -46.9001,
63.0282)

Have a look what the booklet for
YUV(178.1320, -46.9001, 63.0282)
contains.

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Color

**YUV(178.1320, -46.9001,
63.0282)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA053
RGB	250, 160, 83
RGB Percent	98%, 63%, 33%
CMY	0.0196, 0.3725, 0.6745
CMYK	0.00, 0.36, 0.67, 0.02
HSL	28°, 94%, 65%
HSV	28°, 67%, 98%
XYZ	53.5565, 46.0901, 14.2572
YIQ	178.1320, 78.3570, -4.8670

Conversions

Conversions Part 2

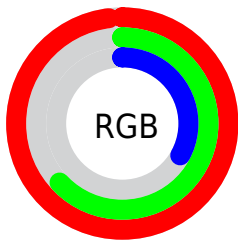
Format	Color
R _Y B	250, 226, 83
Decimal	16425043
CIE Lab	73.60, 26.75, 52.93
CIE LCh	74, 59.308, 63.185
Yxy	46.0901, 0.4702, 0.4046
Android (android.graphics.Color)	4294615123 (0xFFFAA053)
YUV	178.1320, -46.9001, 63.0282
Hunter-Lab	67.8897, 22.0071, 35.0716

Details

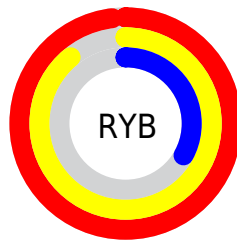
The YUV color **178.1320, -46.9001, 63.0282** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **154.8680, 46.9001, -63.0282**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.8400, -40.8401, 32.5893**, and **123.5550, -45.1366, 57.3953** is the 20% darker color. If you saturate the color by 10%, you get **167.6510, -54.0579, 72.2201**, and if you desaturate by 10%, it is **188.6130, -39.7422, 53.8364**.

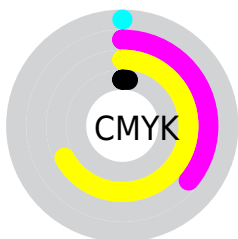
Distribution



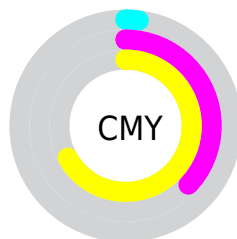
- Red (98%)
- Green (63%)
- Blue (33%)



- Red (98%)
- Yellow (89%)
- Blue (33%)



- Cyan (0%)
- Magenta (36%)
- Yellow (67%)
- Black (2%)



- Cyan (2%)
- Magenta (37%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.1320, -46.9001, 63.0282 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 178.1320, -46.9001, 63.0282 by changing the saturation by 10% instead.

178.1320,
-46.9001, 63.0282

178.1320,
-46.9001, 63.0282

255.0000, 0.0000,
0.0000

150.7510,
-45.7262, 59.8544

217.8400,
-40.8401, 32.5893

123.5550,
-45.1366, 57.3953

237.9410,
-37.4389, 14.9607

96.2620, -47.4572,
55.0212

247.5900,
-28.3919, 6.4986

73.2040, -36.0896,
48.9331

250.7820,
-16.1615, 3.6992

51.0320, -25.1588,
42.9449

254.0880, -3.4944,
0.7998

29.1590, -14.3754,
37.5716

13.7540, -6.7807,

28.2797

■ 0.0000, 0.0000,
0.0000

■ 178.1320,
-46.9001, 63.0282

■ 178.1320,
-46.9001, 63.0282

■ 167.6510,
-54.0579, 72.2201

■ 188.6130,
-39.7422, 53.8364

■ 156.5830,
-60.9264, 81.9267

■ 199.6810,
-32.8737, 44.1298

■ 146.1020,
-68.0843, 91.1185

■ 210.1620,
-25.7159, 34.9379

■ 142.2550,
-70.1317, 94.4924

■ 221.2300,
-18.8474, 25.2313

■ 231.7110,
-11.6895, 16.0395

■ 242.7790, -4.8210,
6.3328

■ 252.9180, 1.0264,
-2.5591

■ 253.5050, 0.7370,
-3.0739

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



173.1480, -24.2300, 71.7842



178.1320, -46.9001, 63.0282



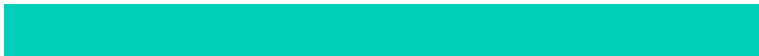
174.7780, -53.6276, 27.3817

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



178.1320, -46.9001, 63.0282



143.1860, 20.6143, -125.5741



182.4470, 35.7686, 7.5010

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



178.1320, -46.9001, 63.0282



154.8680, 46.9001, -63.0282

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



162.4820, 45.6114, -69.7057



178.1320, -46.9001, 63.0282



148.1680, 44.7802, -129.9433

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



178.1320, -46.9001, 63.0282



155.7970, -12.7179, -74.3670



145.8830, 53.7947, -127.9394



185.6230, 22.3709, 58.2126

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



178.1320, -46.9001, 63.0282



171.4970, -47.5730, -1.3129



145.8830, 53.7947, -127.9394



178.7710, 37.5809, -13.8312

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



178.1320, -46.9001, 63.0282



233.3370, -14.4631, 18.9985



143.4210, 15.5684, 93.4698



114.4870, -8.6211, 11.8509



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



178.1320, -46.9001, 63.0282



167.1740, -57.2738, 77.0234



226.2660, -70.6301, 20.8147



119.4090, -3.6526, 4.9033



107.5800, -53.0369, 71.4053



34.6750, -17.0948, 23.0870

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



154.8680, 46.9001, -63.0282



138.8260, 57.2738, -77.0234



106.7340, 70.6301, -20.8147



117.5910, 3.6526, -4.9033



81.4200, 53.0369, -71.4053



26.3250, 17.0948, -23.0870

Previews

White Background



This preview shows how the YUV color 178.1320, -46.9001, 63.0282 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 178.1320, -46.9001, 63.0282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 178.1320, -46.9001, 63.0282 Background



This preview shows how black text looks on a background with the YUV color 178.1320, -46.9001, 63.0282.



This preview shows how white text looks on a background with the YUV color 178.1320, -46.9001,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

178.1320, -46.9001, 63.0282

Protanopia

176.3070, -42.5494, 20.7788

Deuteranopia

177.3590, -47.9980, 41.7812



Tritanopia

183.3500, -10.5255, 62.8371

Trichromacy



Original Color

178.1320, -46.9001, 63.0282

Protanomaly

176.6510, -44.1979, 36.2631

Deuteranomaly

177.8160, -47.7303, 49.2734

Tritanomaly

181.2070, -23.7661, 62.9625

Monochromacy



Original Color

178.1320, -46.9001, 63.0282

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.6750, -17.0948, 23.0870

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.1320, -46.9001, 63.0282 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(250, 160, 83)` looks like.

```
.text, #text, p{  
    color:rgb(250, 160, 83)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(250, 160, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 160, 83) }
```

Border

The CSS property to change the border of an element to YUV 178.1320, -46.9001, 63.0282 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(250, 160, 83) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(250, 160, 83) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(250, 160, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 160, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 160, 83);  
box-shadow:4px 4px 4px 4px rgb(250, 160,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 178.1320, -46.9001, 63.0282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 160, 83) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(250,  
160, 83) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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